The concept of essential drugs can be traced back to the Non-Aligned Summit Conference held in Sri Lanka in 1976. The conference adopted a special resolution on drugs, which included the idea that a list of the most essential medicines be compiled. The World Health Organization published its first list in 1977.

This is the third revision of the Essential Drugs List which was first published in 1985 and it is aimed at supplying safe, effective drugs of acceptable quality to the people of Sri Lanka at affordable prices.

We are grateful for the valuable inputs made by members of the expert committee involved in the compilation of the lists of medicines and for the financial assistance provided by the World Health Organization (WHO) for printing this booklet.

I would gladly welcome comments on any shortcomings in this document which could be made use to improve the next revision.

Dr. U.A. Mendis
Deputy Director General Laboratory Services,
Ministry of Healthcare and Nutrition,
“Suwasiripaya”,
Re. Baddegama Wimalawansa Thero Mawatha,
Colombo 10.
MESSAGE FORM THE DIRECTOR GENERAL OF HEALTH SERVICES

I am pleased to send this message to the third revision of the Essential Drugs List which has been compiled in keeping with the following main objectives of the National Drug Policy of the Ministry of Healthcare and Nutrition:

- to ensure the availability and affordability of efficacious, safe and good quality medicines relevant to the health care needs of the people in a sustainable and equitable manner;
- to promote the rational use of medicines by healthcare professionals and consumers;
- to promote local manufacture of Essential Medicines.

I take this opportunity to congratulate Dr. U.A. Mendis for his efforts to publish this booklet.

My sincere thanks are due to all members of the expert committee for their contribution and I owe a special word of thanks to Prof. Rohini Fernandopulle for taking a leading role to make it a reality.

Dr. Athula Kahandaliyanage
Director General of Health Services,
Ministry of Healthcare and Nutrition,
“Suwasiripaya”,
Re. Baddegama Wimalawansa Thero Mawatha,
Colombo 10.
INTRODUCTION

The review of the National Essential Medicines list 1999 was overdue in context of the rapidly changing evidence based knowledge on therapeutic products. Furthermore in spite of Ministry of Health spending SLR 4000 and 6000 billion in 2004 and 2005 respectively, unavailability of essential medicines was a frequent problem in the public sector.

In 2004 the Director General of Health Services appointed an expert committee to select essential medicines on the basis of efficacy, safety and sustainability.

The committee comprised of:
Prof Rohini Fernandopulle - Chairperson
Dr Shalini Sri Ranganathan - Convenor
Ms Chinta Abayawardana - Secretary
Health Ministry officials
Medical Administrators and Pharmacists of the Line Ministry and Provincial health institutions and Specialized Campaigns
Academic members from Clinical Pharmacology Departments of universities.
Representatives of Professional Colleges and Associations:
  Anaesthetists
  Cardiologists
  Dental surgeons
  Dermatologists
  General Practitioners
  Microbiologists
  Neurologists
  Obstetricians & Gynaecologists
  Oncologists
  Ophthalmologists
  Otorhinolaryngologists
  Paediatricians
  Pharmacists
  Physicians
  Psychiatrists
Radiologists
Respiratory Physicians
Surgeons

A Hospital Formulary List of Medicines for use in the public sector was first compiled based on the evidence, procurement and local purchase lists of the Medical Supplies Division of the Ministry of Health, and experience and knowledge of the medical professionals and pharmacists. An Essential Medicine List was identified from the Hospital Formulary within the context of our health budget.

The committee adhered to the WHO definition of essential medicines. “Essential medicines are those that satisfy the priority health care needs of the population and are intended to be available at all times in adequate amounts in the appropriate dosage forms”. The criteria adopted for identifying the essential list of medicines were:

- pattern of prevalent diseases
- financial resources
- information available on efficacy safety and comparative cost effectiveness of the medicines
- expert opinions of medical professionals in the country
- available health delivery infrastructure: treatment facilities, training and experience of the health care professionals
- principles and concepts of the WHO essential medicines list.

The distribution of medicines in the Essential Medicines List (EML) and Hospital Formulary List (HFL) will not be equitable and would depend on the available facilities and training and clinical experience and therapeutic knowledge of the health care personnel. Medicines which need special skills for use or in the use of which special diagnostic or monitoring facilities are required will be included in the HFL.

The committee hopes to review the list every 2 years to keep it up to date with evidence based information.
LIST OF ESSENTIAL MEDICINES

1. ANAESTHETICS

1.1 GENERAL ANAESTHETICS AND OXYGEN
   Halothane inhalation
   Ketamine injection
   Nitorus oxide inhalation (medicinal gas)
   Oxygen inhalation (medicinal gas)
   Thiopental powder for injection

1.2 LOCAL ANAESTHETICS
   Bupivacaine injection
   Lidocaine injection, topical solution, gel
   Lidocaine + epinephrine (adrenaline) injection

1.3 PREOPERATIVE MEDICATION AND SEDATION FOR SHORT-TERM PROCEDURES
   Atropine injection
   Chloral hydrate crystals to prepare solution
   Diazepam injection, tablet, rectal solution
   Morphine injection
   Promethazine hydrochloride syrup

2. ANALGESICS, ANTIPYRETICS, NON-STEROIDAL ANTI-INFLAMMATORY MEDICINES (NSAIMs), MEDICINES USED TO TREAT GOUT AND DISEASE MODIFYING AGENTS IN RHEUMATOID DISORDERS (DMARDs)

2.1 NON-OPIOIDS AND NON-STEROIDAL ANTI-INFLAMMATORY MEDICINES (NSAIMs)
   Acetylsalicylic acid tablet
   Diclofenac tablet, suppository
   Ibuprofen syrup, tablet
   Paracetamol syrup, tablet

2.2 OPIOID ANALGESICS
   Codeine phosphate powder to prepare syrup, tablet
Morphine injection, tablet, oral solution
Paracetamol + codeine tablet
Pethidine hydrochloride injection
Tramadol capsule or tablet

2.3 **MEDICINES USED TO TREAT GOUT**
Allopurinol tablet

2.4 **DISEASE MODIFYING AGENTS USED IN RHEUMATOID DISORDERS (DMARDs)**
Azathioprine tablet
Hydroxychloroquine tablet
Methotrexate tablet (as sodium salt)
Methylprednisolone IV injection (depot preparation)
Sulphasalazine tablet

3. **ANTIALLERGICS AND MEDICINES USED IN ANAPHYLAXIS**
Cetirizine tablet
Chlorpheniramine maleate injection, syrup, tablet
Epinephrine (adrenaline) injection, (hydrogen tartrate)
Hydrocortisone hemisuccinate powder for injection
Prednisolone tablet
Promethazine as hydrochloride injection, syrup, tablet

4. **ANTIDOTES AND OTHER SUBSTANCES USED IN POISONING**

4.1 **NON-SPECIFIC**
Charcoal, activated powder for oral suspension
Fuller's earth, powder for oral suspension

4.2 **SPECIFIC**
Acetylcysteine injection
Atropine injection
Calcium folinate injection, tablet
Deferiprone capsule
Desferroxamine mesilate powder for injection
Magnesium sulfate injection
Methionine tablet
Methylthioninium chloride (methylene blue) injection
Naloxone hydrochloride injection
Neostigmine methylsulfate injection
Penicillamine capsule or tablet
Pralidoxime injection
Protamine sulfate injection

5. **ANTICONVULSANTS/ANTIEPILEPTICS**
   Carbamazepine syrup, tablet
   Diazepam injection, rectal solution
   Magnesium sulfate injection
   Phenobarbitone sodium injection, tablet
   Paraldehyde injection (peanut oil)
   Phenytoin sodium capsule or tablet
   Valproic acid (sodium salt) syrup, tablet (enteric coated)

6. **ANTI-INFECTIVE MEDICINES**

6.1 **ANTHELMINTICS**
   Diethylcarbamazine citrate tablet
   Mebendazole tablet

6.2 **ANTIBACTERIALS**

6.2.1 **Beta Lactam medicines**
   Amoxicillin (as sodium salt) + clavulanic acid (as potassium salt)
   powder for injection, tablet, (as trihydrate + potassium salt),
   suspension, (as trihydrate + potassium salt)
   Amoxicillin capsule, powder for oral suspension
   Ampicillin powder for injection, (as sodium salt) in vial
   Benzathine benzylpenicillin powder for injection
   Benzylpenicillin powder for injection
   Cefalexin capsule, powder for oral suspension
   Cefotaxime powder for injection, (as sodium salt)
   Ceftazidime powder for injection, (as pentahydrate)
   Ceftriaxone powder for injection (as sodium salt)
6.2.2 Other antibacterials
Amikacin sulfate injection
Ciprofloxacin tablet (as hydrochloride)
Doxycycline hydrochloride capsule or tablet
Erythromycin (as stearate or ethyl succinate) powder for oral suspension, tablet
Furazolidone tablet, oral suspension
Gentamicin injection
Metronidazole injection, oral suspension (as benzoate), tablet
Nalidixic acid oral suspension, tablet
Nitrofurantoin oral suspension, tablet
Sulfamethoxazole + trimethoprim oral suspension, tablet
Trimethoprim syrup, tablet

6.2.3 Antileprosy medicines
Clofazimine capsule
Dapsone tablet
Rifampicin capsule

6.2.4 Antituberculosis medicines
Ethambutol hydrochloride tablet
Isoniazid tablet
Pyrazinamide tablet
Rifampicin capsule
Streptomycin powder for injection

6.3 ANTIFUNGAL MEDICINES
Amphotericin B injection
Clotrimazole vaginal tablet, vaginal cream
Fluconazole capsule
Griseofulvin capsule or tablet
Nystatin cream, tablet, lozenge, pessary
6.4 Antiviral medicines

6.4.1 Antiherpes medicines
Aciclovir tablet, powder for injection

6.4.2 Antiretrovirals

6.4.2.1 Nucleoside reverse transcriptase inhibitors

6.4.2.2 Non-nucleoside reverse transcriptase inhibitors

6.4.2.3 Protease inhibitors

6.5 ANTIPROTOZOAL MEDICINES

6.5.1 Antiamoebic and antigiardiasis medicines
Metronidazole tablet, injection, oral suspension (as benzoate)

6.5.2 Antileishmaniasis medicines

6.5.3 Antimalarial medicines

6.5.3.1 For curative treatment
Chloroquine syrup, tablet, (as phosphate or sulfate)
Primaquine tablet (as diphosphate)
Quinine injection, (as dihydrochloride), tablet, (as bisulfate or sulfate)
Sulfadoxine + pyrimethamine tablet

6.5.3.2 For prophylaxis
Chloroquine syrup, tablet (as phosphate or sulfate)

6.5.4 Anti-pneumocystosis and antitoxoplasmosis medicines

6.5.5 Antitrypanosomai medicinu
7. ANTIMIGRAINE MEDICINES

7.1 FOR TREATMENT OF ACUTE ATTACK
   Acetylsalicylic acid tablet
   Domperidone tablet
   Metoclopramide tablet, injection
   Paracetamol tablet
   Prochlorperazine tablet

7.2 FOR PROPHYLAXIS
   Cyproheptadine tablet
   Propranolol hydrochloride tablet

8. ANTI NEOPLASTIC, IMMUNOSUPPRESSIVES AND MEDICINES USED IN PALLIATIVE CARE

8.1 IMMUNOSUPPRESSIVE MEDICINES
   Azathioprine tablet
   Ciclosporin capsule, concentrate for injection

8.2 CYTOTOXIC MEDICINES
   Cyclophosphamide injection, tablet
   Calcium folinate tablet, injection
   Mercaptopurine tablet
   Methotrexate sodium powder for injection, tablet

8.3 HORMONES AND ANTIHORMONES
   Dexamethasone phosphate injection
   Megestrol acetate tablet
   Methylprednisolone injection
   Prednisolone tablet
   Tamoxifen citrate tablet

8.4 MEDICINES USED IN PALLIATIVE CARE
   Buprenorphine injection
   Morphine injection, tablet, oral solution
   Tramadol capsule or tablet
9. ANTIPARKINSONISM MEDICINES
   Benzhexol hydrochloride tablet
   Bromocriptine tablet
   Levodopa + carbidopa tablet

10. MEDICINES AFFECTING THE BLOOD

10.1 ANTIANAEMIA MEDICINES
   Ferrous salt tablet, syrup
   Folic acid tablet
   Hydroxocobalamin injection

10.2 MEDICINES AFFECTING COAGULATION
   Enoxaparin injection
   Heparin injection
   Phytomenadione injection, tablet
   Protamine sulfate injection
   Warfarin sodium tablet

11. BLOOD PRODUCTS AND PLASMA SUBSTITUTES

11.1 PLASMA SUBSTITUTES
   Dextran 70 injectable solution
   Starch injectable solution

11.2 PLASMA FRACTIONS FOR SPECIFIC USE

12. CARDIOVASCULAR MEDICINES

12.1 ANTIANGINAL MEDICINES
   Atenolol tablet
   Glyceryl trinitrate tablet (sublingual)
   Isosorbide dinitrate tablet
   Verapamil hydrochloride tablet
12.2 ANTIARRHYTHMIC MEDICINES
Amiodarone tablet
Atenolol tablet
Atropine injection
Digoxin tablet, oral solution
Lidocaine injection (hydrochloride) (preservative free)
Verapamil hydrochloride injection, tablet

12.3 ANTIHYPERTENSIVE MEDICINES
Atenolol tablet
Diltiazem hydrochloride tablet (SR)
Enalapril maleate tablet
Hydralazine hydrochloride tablet, injection
Hydrochlorothiazide tablet
Methyldopa tablet (for pregnancy induced hypertension)
Nifedipine tablet (SR)
Prazosin hydrochloride tablet

12.4 MEDICINES USED IN HEART FAILURE
Carvedilol hydrochloride tablet
Digoxin oral solution, tablet
Enalapril maleate tablet
Furosemide injection, tablet
Hydrochlorothiazide tablet
Spironolactone tablet

12.4.1 Vasoconstrictors (sympathomimetics)
Dopamine / Dobutamine injection
Ephedrine hydrochloride injection

12.5 ANTITHROMBOTIC MEDICINES
Acetylsalicylic acid tablet
Streptokinase injection

12.6 LIPID-LOWERING AGENTS
Atorvastatin tablet (as calcium trihydrate)
Gemfibrozil capsule
13. DERMATOLOGICAL MEDICINES (topical)

13.1 ANTIFUNGAL MEDICINES
Benzoic acid + salicylic acid ointment or cream
Clotrimazole cream

13.2 ANTI-INFECTIVE MEDICINES
Cetrimide shampoo, cream
Framycetin sulfate cream
Povidone-iodine aqueous solution, ointment

13.3 ANTI-INFLAMMATORY AND ANTIPRURITIC MEDICINES
Calamine lotion
Flucinolone acetonide cream, ointment
Hydrocortisone acetate cream, ointment
Betamethasone valerate cream, ointment

13.4 ASTRINGENT MEDICINES
Lead subacetate solution (strong)
Magenta solution
Potassium permanganate aqueous solution
Silver nitrate Solution

13.5 MEDICINES AFFECTING SKIN DIFFERENTIATION AND PROLIFERATION
Aqueous cream
Coal tar solution
Coconut oil compound shampoo
Dithranol ointment
Emulsifying ointment
Podophyllum resin solution
Salicylic acid solution
Urea ointment or cream

13.6 SCABICIDES AND PEDICULICIDES
Benzyl benzoate application
Permethrin /Malathion lotion
Sulphur ointment
13.7 **ULTRAVIOLET BLOCKING AGENTS**
Zinc oxide ointment

13.8 **PREPARATIONS FOR ACNE**

13.8.1 *Oral preparations for acne*

13.8.2 *Topical preparations for acne*
Benzoyl peroxide cream
Tretinoin cream

14. **DIAGNOSTIC AGENTS**

14.1 **OPHTHALMIC MEDICINES**
Fluorescein sodium eye drops

14.2 **RADIO CONTRAST MEDIA**

14.2.1 *Low osmolar non-ionic intravenous contrast media*
(for institutions where X-ray machines are available)
Iohexol Injection
Iopamidol Injection
Iopomide Injection
Ioversol Injection

14.2.2 *Gastrointestinal contrast media*
Barium sulfate oral suspension (or rectal suspension)
Radio labeled iodine oral preparation

15. **ANTISEPTICS AND DISINFECTANTS**

15.1 **ANTISEPTICS**
Chlorhexidine digluconate solution for dilution
Ethanol solution (denatured)
Hydrogen peroxide solution
Povidone iodine solution
Surgical spirit
15.2 **DISINFECTANTS**  
Chlorine base compound powder  
Glutaraldehyde solution  
Phenolic compound solution

16. **DIURETICS**  
Amiloride hydrochloride tablet  
Furosemide injection, tablet  
Hydrochlorothiazide tablet  
Mannitol injectable solution  
Spironolactone tablet

17. **GASTROINTESTINAL MEDICINES**

17.1 **ANTACIDS AND OTHER ANTIULCER MEDICINES**  
Aluminium hydroxide combination oral suspension, tablet  
Famotidine/ Ranitidine tablet  
Omeprazole capsule  
Ranitidine injection  
Sodium citrate solution

17.2 **ANTIEMETIC MEDICINES**  
Domperidone suppository, suspension, tablet  
Metoclopramide hydrochloride injection, tablet  
Promethazine hydrochloride syrup, injection, tablet

17.3 **ANTI-INFLAMMATORY MEDICINES**  
Hydrocortisone acetate retention enema, suppository  
Sulfasalazine tablet

17.4. **LAXATIVES**  
Bisacodyl suppository, tablet  
Lactulose solution  
Phosphate enema
17.5 **MEDICINES USED IN DIARRHEA**

17.5.1 **Oral rehydration**

Oral rehydration salts* (for glucose-electrolyte solution)

- Glucose: 75 meq
- Sodium: 75 meq or mmol/l
- Chloride: 65 meq or mmol/l
- Potassium: 20 meq or mmol/l
- Citrate: 10 mmol/l
- Osmolarity: 245 mosm/l

<table>
<thead>
<tr>
<th>Component</th>
<th>Concentration</th>
</tr>
</thead>
<tbody>
<tr>
<td>glucose</td>
<td>13.5 g/l</td>
</tr>
<tr>
<td>sodium chloride</td>
<td>2.6 g/l</td>
</tr>
<tr>
<td>potassium chloride</td>
<td>1.5 g/l</td>
</tr>
<tr>
<td>trisodium citrate dihydrate+</td>
<td>2.9 g/l</td>
</tr>
</tbody>
</table>

*trisodium citrate dihydrate may be replaced by sodium hydrogen carbonate (sodium carbonate) 2.5 g/l. However, as the stability of this latter formulation is very poor under tropical conditions, it is only recommended when manufactured for immediate use.

* in cases of cholera a higher concentration of sodium may be required.

17.5.2 **Medicines used for diarrhea for children**

- Zinc sulfate tablet (effervescent)

17.6 **ANTISPASMODIC MEDICINES**

- Propantheline bromide tablet

18. **HORMONES, OTHER ENDOCRINE MEDICINES AND CONTRACEPTIVES**

18.1 **ADRENAL HORMONES AND SYNTHETIC SUBSTITUTES**

- Hydrocortisone sodium succinate injection
- Prednisolone tablet
18.2 ANDROGENS
Testosterone injection (enantate/propionate)

18.3 CONTRACEPTIVES

18.3.1 Oral hormonal contraceptives
Ethinylestradiol + levonorgestrel tablet
Ethinylestradiol + norethisterone tablet
Levonorgestrel tablet

18.3.2 Injectable hormonal contraceptives
Medroxyprogesterone acetate depot injection

18.4 ESTROGENS
Conjugated estrogens tablet
Ethinylestradiol tablet

18.5 PROGESTOGENS
Norethisterone tablet

18.6 OVULATION INDUCERS
Clomifene citrate tablet

18.7 INSULINS AND OTHER ANTIDIABETIC AGENTS
Glibenclamide tablet
Insulin injection (short acting and intermediate acting)
Metformin hydrochloride tablet
Tolbutamide tablet

18.8 THYROID HORMONES AND ANTITHYROID MEDICINES
Carbimazole /Methimazole tablet,
Iodine aqueous solution
Levothyroxine sodium tablet
Propylthiouracil tablet

18.9 HYPOTHALAMIC AND PITUITARY HORMONES
Vasopressin injection

18.10 ANTIGONADOTROPHINS
19 IMMUNOLOGICALS

19.1 DIAGNOSTIC AGENTS
   Tuberculin, Purified Protein Derivative (PPD) injection

19.2 SERA AND IMMUNOGLOBULIN
   Anti-D (Rh₆) immunoglobulin (human) injection
   Antitetanus immunoglobulin injection
   Antivenom serum injection
   Rabies immunoglobulin injection

19.3 VACCINES

19.3.1 For universal immunization
   Bacillus Calmette Guerin (BCG) vaccine injection
   Diphtheria and tetanus (DT) vaccine injection
   Diphtheria and tetanus (adult) (aDT) vaccine injection
   Diphtheria, tetanus and pertussis (DPT) vaccine injection
   Hepatitis B vaccine Injection
   Japanese encephalitis vaccine injection
   Measles vaccine injection
   Measles rubella vaccine injection
   Poliomyelitis vaccine (OPV) oral drops
   Rubella vaccine injection
   Tetanus toxoid (TT) vaccine injection

19.3.2 for specific groups of individuals
   Rabies inactivated tissue culture vaccine injection

20. MUSCLE RELAXANTS (PERIPHERALLY ACTING) AND CHOLINESTERASE INHIBITORS
   Atracurium besilate injection
   Neostigmine injection (metilsulfate), tablet (bromide)
   Suxamethonium chloride injection
21. **OPHTHALMOLOGICAL PREPARATIONS**

21.1 **ANTI-INFECTIVE AGENTS**
   - Aciclovir eye ointment
   - Chloramphenicol eye drops, eye ointment
   - Tobramycin + Dexamethasone eye drops

21.2 **ANTI-INFLAMMATORY AGENTS**
   - Dexamethasone sodium phosphate eye drops
   - Hydrocortisone acetate eye drops, eye ointment
   - Prednisolone sodium phosphate eye drops

21.3 **LOCAL ANAESTHETICS**
   - Lidocaine eye drops, gel
   - Lidocaine + epinephrine eye drops

21.4 **MIOTICS AND ANTIGLAUCOMA MEDICINES**
   - Acetazolamide tablet
   - Pilocarpine hydrochloride eye drops
   - Timolol maleate eye drops

21.5 **MYDRIATICS**
   - Homatropine hydrobromide eye drops
   - Phenylephrine hydrochloride eye drops
   - Tropicamide eye drops

22. **MEDICINES ACTING ON THE GENITOURINARY TRACT**

22.1 **OXYTOCICS**
   - Ergometrine hydrogen maleate injection
   - Oxytocin injection
   - Oxytocin + Ergometrine (combination) injection

22.2 **ANTIOXYTOCICS**
   - Nifedipine immediate release capsule

22.3 **PROSTAGLANDINS**
22.4 MEDICINES FOR BENIGN PROSTATIC HYPERPLASIA
Prazosin hydrochloride tablet

22.5 URINARY ANTISPASMODICS
Duloxetine capsule
Probantheline bromide

23. PERITONEAL DIALYSIS SOLUTION
Intraperitoneal dialysis solution

24. PSYCHOTHERAPEUTIC MEDICINES

24.1 MEDICINES USED IN PSYCHOTIC DISORDERS
Chlorpromazine hydrochloride injection, tablet, syrup
Fluphenazine (decanoate or enantate) injection
Haloperidol tablet, injection
Risperidone tablet
Trifluoperazine hydrochloride tablet

24.2 MEDICINES USED IN MOOD DISORDERS

24.2.1 Medicines used in depressive disorders
Amitriptyline hydrochloride tablet
Fluoxetine hydrochloride capsule
Imipramine hydrochloride tablet

24.2.2 Medicines used in bipolar disorders
Carbamazepine tablet
Lithium carbonate capsule or tablet
Valproic acid (sodium salt) tablet (enteric coated)

24.3 MEDICINES USED IN GENERALIZED ANXIETY AND SLEEP DISORDERS
Chlordiazepoxide tablet
Diazepam tablet
24.4 Medicines used for Obsessive Compulsive Disorders and Panic Attacks
Clomipramine hydrochloride capsule
Fluoxetine hydrochloride capsule

24.5 Medicines used in Substance Dependence
Methadone hydrochloride tablet

25. Medicines Acting on the Respiratory Tract
Antiasthmatics and medicines for chronic obstructive pulmonary disease
Aminophylline injection
Beclometasone dipropionate inhaler
Ipratropium bromide dry powder capsule for breath induced device, respiratory solution
Salbutamol sulfate inhalation (aerosol), dry powder capsule, for breath induced device, respirator solution for use in nebulizers, syrup, tablet
Theophylline syrup, tablet (modified release)

26. Solutions Correcting Water, Electrolyte, Acid-Base and Nutritional Disturbances

26.1 Solutions Correcting Water, Electrolyte, and Acid-Base Disturbances

26.1.1 Oral
Oral rehydration salts (for glucose-electrolyte solution) see section 17.5.1
potassium chloride MR tablet

26.1.2. Parenteral
Glucose injectable solution
Glucose with sodium chloride injectable solution
Potassium chloride injection
Sodium bicarbonate injectable solution
Sodium chloride injectable solution
Sodium lactate compound injectable solution
26.2. INTRAVENOUS NUTRITION
Aminoacid injection

26.3 MISCELLANEOUS
Water for injection

27. VITAMINS AND MINERALS
Alfacalcidol capsule
Ascorbic acid tablet
Calcium carbonate/lactate tablet
Calcium gluconate injection
Ergocalciferol capsule
Hydroxocobalamin injection
Pyridoxine hydrochloride tablet
Retinol palmitate capsule
Thiamine hydrochloride tablet, injection
Vitamin A + vitamin D capsule
Vitamin B complex tablet, injection

28. MEDICINES ACTING ON EAR, NOSE AND OROPHARYNX

28.1 MEDICINES ACTING ON THE EAR
Betamethasone + Neomycin ear drops
Chloramphenicol ear drops
Clotrimazole ear drops
Ichthammol liquid
Sodium bicarbonate ear drops

28.2 MEDICINES ACTING ON THE NOSE
Beclometasone nasal drops, nasal spray
Xylometazoline nasal drops

28.3 MEDICINES ACTING ON THE OROPHARYNX
Nystatin oral suspension
Povidone iodine mouthwash
28.4 MEDICINES FOR VERTIGO
   Cinnarazine tablet
   Prochlorperazine injection
1. ANAESTHETICS

1.1 GENERAL ANAESTHETICS AND OXYGEN
   Halothane inhalation
   Isoflurane inhalation
   Ketamine injection
   Nitrous oxide Inhalation (medicinal gas)
   Oxygen inhalation (medicinal gas)
   Propofol injection
   Thiopental powder for injection

1.2 LOCAL ANAESTHETICS
   Bupivacaine injection
   Lidocaine injection, topical solution, gel
   Lidocaine + epinephrine (adrenaline) injection
   Lidocaine + prilocaine cream

1.3 PREOPERATIVE MEDICATION AND SEDATION FOR SHORT-TERM PROCEDURES
   Atropine injection
   Chloral hydrate crystals to prepare solution
   Diazepam injection, tablet, rectal solution
   Morphine injection,
   Promethazine hydrochloride syrup

2. ANALGESICS, ANTIPYRETICS, NON-STEROIDAL ANTI-INFLAMMATORY MEDICINES (NSAIMs), MEDICINES USED TO TREAT GOUT AND DISEASE MODIFYING AGENTS IN RHEUMATOID DISORDERS (DMARDs)

2.1 NON-OPIOIDS AND NON-STEROIDAL ANTI-INFLAMMATORY MEDICINES (NSAIMs)
   Acetylsalicylic acid tablet
   Diclofenac tablet, suppository
   Ibuprofen syrup, tablet
   Paracetamol syrup, tablet
2.2 **OPIOID ANALGESICS**
- Codeine phosphate powder to prepare syrup, tablet
- Fentanyl citrate injection
- Morphine injection, tablet, oral solution
- Paracetamol + codeine tablet
- Pethidine injection (hydrochloride)
- Tramadol capsule or tablet

2.3 **MEDICINES USED TO TREAT GOUT**
- Allopurinol tablet

2.4 **DISEASE MODIFYING AGENTS USED IN RHEUMATOID DISORDERS (DMARDs)**
- Azathioprine tablet,
- Hydroxychloroquine tablet,
- Methotrexate tablet (as sodium salt)
- Methylprednisolone IV injection (depot preparation)
- Penicillamine capsule/tablet
- Sulfasalazine tablet
- Sodium aurothiomalate injection

3. **ANTIALLERGICS AND MEDICINES USED IN ANAPHYLAXIS**
- Cetirizine tablet
- Chlorpheniramine maleate injection, syrup, tablet
- Epinephrine (adrenaline) injection, (hydrogen tartrate)
- Hydrocortisone hemisuccinate powder for injection
- Prednisolone tablet
- Promethazine as hydrochloride injection, syrup, tablet

4. **ANTIDOTES AND OTHER SUBSTANCES USED IN POISONING**

4.2 **NON-SPECIFIC**
- Charcoal, activated powder for oral suspension
- Fuller's earth, powder for oral suspension
4.3 SPECIFIC
   Acetylcysteine injection
   Atropine injection
   Calcium folinate injection, tablet
   Dimercaprol injection
   Ethanol injection
   Flumazenil injection
   Glucagon powder for injection
   Isoprenaline injection
   Magnesium sulfate injection
   Methionine tablet
   Methylthioninium chloride (methylene blue) injection
   Naloxone hydrochloride injection
   Neostigmine methylsulfate injection
   Penicillamine capsule or tablet
   Pralidoxime injection
   Deferiprone capsule
   Desferoxamine mesilate powder for injection
   Protamine sulfate injection
   Sodium calcium edetate injection
   Sodium nitrite injection
   Sodium thiosulfate injection

5. ANTICONVULSANTS/ANTIEPILEPTICS
   Adrenocorticotrophic hormone (ACTH) injection
   Carbamazepine syrup, tablet
   Diazepam injection, rectal solution
   Clonazepam tablet
   Ethosuximide capsule
   Lamotrigine tablet
   Magnesium sulfate injection
   Paraldehyde injection (peanut oil)
   Phenobarbitone sodium injection, tablet
   Phenytin sodium injection, capsule or tablet
   Topiramate tablet
   Valproic acid (sodium salt) syrup, tablet (enteric coated)
   Vigabatrin tablet
6. ANTI-INFECTIVE MEDICINES

6.1 ANTHELMINTICS
Albendazole tablet
Diethylcarbamazine citrate tablet
Mebendazole tablet
Niclosamide tablet
Praziquantel tablet

6.2 ANTIBACTERIALS

6.2.1 Beta Lactam medicines
Amoxicillin (as sodium salt) + clavulanic acid (as potassium salt) powder for injection, tablet, (as trihydrate + potassium salt), suspension, (as trihydrate + potassium salt)
Amoxicillin capsule, powder for oral suspension
Ampicillin powder for injection, (as sodium salt) in vial
Benzathine benzylpenicillin powder for injection
Benzylpenicillin powder for injection
Cefalexin capsule, powder for oral suspension
Cefipime injection
Cefotaxime powder for injection, (as sodium salt)
Ceftazidime powder for injection, (as pentahydrate)
Ceftriaxone powder for injection (as sodium salt)
Cefuroxime powder for injection, (as sodium salt), tablet (as axetil), powder for oral suspension
Cloxacillin capsule, injection, powder for oral suspension
Meropenem injection (as trihydrate) / Imipenam injection (as trihydrate)
Phenoxyethylpenicillin powder for oral suspension, tablet
Procaine benzylpenicillin powder for injection

6.2.2 Other antibacterials
Amikacin sulfate injection
Azithromycin capsule, oral suspension
Ciprofloxacin tablet(as hydrochloride), infusion, (as lactate)
Clarithromycin suspension, tablet, injection
Doxycycline hydrochloride) capsule or tablet
Erythromycin (as stearate or ethyl succinate) powder for oral suspension, tablet
Furazolidone tablet, oral suspension
Gentamicin injection
Metronidazole injection, oral suspension (as benzoate), tablet
Nalidixic acid oral suspension, tablet
Netilmicin sulfate injection
Nitrofurantoin oral suspension, tablet
Sulfadiazine injection (as sodium salt)
Sulfamethoxazole + trimethoprim oral suspension, tablet
Teicoplanin injection
Trimethoprim syrup, tablet
Vancomycin injection

6.2.3 Antileprosy medicines
Clofazimine capsule
Dapsone tablet
Rifampicin capsule
Ofloxacin tablet
Thalidomide tablet

6.2.4 Antituberculosis medicines
Cycloserine capsule
Ethambutol hydrochloride tablet
Isoniazid tablet
Pyrazinamide tablet
Rifampicin capsule
Streptomycin powder for injection

6.3 Antifungal medicines
Amphotericin B powder for injection
Clotrimazole vaginal tablet, vaginal cream
Fluconazole capsule, injection, oral suspension
Griseofulvin capsule or tablet
Itraconazole tablet
Nystatin cream, tablet, lozenge, pessary
Potassium iodide solution
6.4 ANTIVIRAL MEDICINES

6.4.1 Antiherpes medicines
Aciclovir tablet, powder for injection

6.4.2 Antiretrovirals

6.4.2.1 Nucleoside reverse transcriptase inhibitors
Lamivudine (3TC) oral solution, tablet
Nevirapine (NVP) oral suspension, tablet
Stavudine (d4t) capsule
Zidovudine (ZDV or AZT) oral solution or syrup, capsule

6.4.2.2 Non-nucleoside reverse transcriptase inhibitors
Efavirenz (EFV or AZT) capsule

6.4.2.3 Protease inhibitors
Indinavir (IDV) capsule (as sulfate)

6.5 ANTIPROTOZOAL MEDICINES

6.5.1 Antiamoebic and antigiardiasis medicines
Metronidazole tablet, injection, oral suspension (as benzoate)

6.5.2 Antileishmaniasis medicines
Sodium stibogluconate (small volume) injection

6.5.3 Antimalarial medicines

6.5.3.1 For curative treatment
Artemether + lumefantrine tablet
Artesunate tablet
Chloroquine syrup, tablet, (as phosphate or sulfate)
Mefloquine hydrochloride tablet
Primaquine tablet (as diphosphate)
Quinine injection, (as dihydrochloride), tablet, (as bisulfate or sulfate)
Sulfadoxine + pyrimethamine tablet
6.5.3.2 *For prophylaxis*
Chloroquine syrup, tablet (as phosphate or sulfate)

6.5.4 *Anti-pneumocystosis and antitoxoplasmosis medicines*
Sulfamethoxazole + trimethoprim oral suspension, tablet
Pyrimethamine tablet

6.5.5 *Antitrypanosomal medicines*

7. **ANTIMIGRAINE MEDICINES**

7.1 *For treatment of acute attack*
Acetylsalicylic acid tablet
Domperidone tablet
Metoclopramide hydrochloride tablet
Paracetamol tablet
Prochlorperazine tablet
Sumatriptan injection

7.2 *For prophylaxis*
Cyproheptadine hydrochloride tablet
Propranolol hydrochloride tablet

8. **ANTINEOPLASTIC, IMMUNOSUPPRESSIVES AND MEDICINES USED IN PALLIATIVE CARE**

8.1 **Immunosuppressive medicines**
Azathioprine tablet
Ciclosporin capsule, concentrate for injection,
Rituximab injection

8.2 **Cytotoxic medicines**
Busulphan tablet
Asparaginase injection
Bleomycin sulfate powder for injection
Calcium folinate tablet, injection
Chlorambucil tablet
Cisplatin powder for injection
Cyclophosphamide injection, tablet
Cytarabine powder for injection
Dacarbazine injection
Daunorubicin hydrochloride injection
Doxorubicin hydrochloride powder for injection
Epirubicin injection
Etoposide injection
Fluorouracil injection
Hydroxyurea capsule
Mercaptopurine tablet
Methotrexate sodium powder for injection, tablet
Procarbazine hydrochloride capsule
Mitomycin injection
Paclitaxel injection
Thioguanine tablet
Vincristine sulfate injection
Vinblastine sulfate injection

8.3 **HORMONES AND ANTIHORMONES**
   - Dexamethasone phosphate injection
   - Flutamide tablet
   - Megestrol acetate tablet
   - Methylprednisolone injection
   - Prednisolone tablet
   - Tamoxifen citrate tablet

8.4 **MEDICINES USED IN PALLIATIVE CARE**
   - Buprenorphine injection
   - Fentanyl citrate injection
   - Morphine injection, tablet, oral solution
   - Tramadol capsule or tablet

9. **ANTIPARKINSONISM MEDICINES**
   - Benzhexol hydrochloride tablet
   - Benztropin mesylate injection
   - Bromocriptine tablet
   - Levodopa + carbidopa tablet
10. MEDICINES AFFECTING THE BLOOD

10.1 ANTIANAEMIA MEDICINES
   Epoetin alfa injection
   Ferrous salt tablet, syrup
   Folic acid tablet
   Hydroxocobalamin injection
   Iron sucrose Injection

10.2 MEDICINES AFFECTING COAGULATION
   Enoxaparin injection
   Heparin injection
   Phytomenadione injection, tablet
   Protamine sulfate injection
   Warfarin sodium tablet

11. BLOOD PRODUCTS AND PLASMA SUBSTITUTES

11.1 PLASMA SUBSTITUTES
   Dextran 70 injectable solution
   Starch injectable solution

11.2 PLASMA FRACTIONS FOR SPECIFIC USE
   Factor viii concentrate (dried) injection
   Factor ix concentrate (dried) injection

12. CARDIOVASCULAR MEDICINES

12.1 ANTIANGINAL MEDICINES
   Atenolol tablet
   Glyceryl trinitrate tablet (sublingual), transdermal patch, injection,
   Isosorbide dinitrate tablet
   Propranolol tablet
   Verapamil hydrochloride tablet

12.2 ANTIARRHYTHMIC MEDICINES
   Adenosine injection
Amiodarone hydrochloride injection, tablet
Atenolol tablet
Atropine injection
Digoxin tablet, oral solution
Esmolol hydrochloride injection
Isoprenaline injection
Lidocaine hydrochloride injection (preservative free)
Verapamil hydrochloride injection, tablet

12.3 ANTIHYPERTENSIVE MEDICINES
Atenolol tablet
Captopril tablet
Diltiazem hydrochloride tablet (SR)
Enalapril maleate tablet
Hydralazine hydrochloride powder for injection, tablet,
Hydrochlorothiazide tablet
Labetalol as hydrochloride tablet & injection
Losartan potassium tablet
Methyldpa tablet (for pregnancy induced hypertension)
Nifedipine tablet (SR)
Prazosin hydrochloride tablet

12.4 MEDICINES USED IN HEART FAILURE
Carvedilol hydrochloride tablet
Digoxin oral solution, tablet
Enalapril maleate tablet
Furosemide injection, tablet
Hydrochlorothiazide tablet
Spironolactone tablet

12.4.1 Vasoconstrictors (sympathomimetics)
Dopamine / Dobutamine injection
Ephedrine hydrochloride injection
Noradrenaline acid tartrate injection

12.5 ANTITHROMBOTIC MEDICINES
Acetylsalicylic acid tablet
Clopidogrel tablet
Streptokinase injection

12.6 LIPID-LOWERING AGENTS
Atorvastatin tablet (as calcium trihydrate)
Gemfibrozil capsule

12.7 ANTIFIBRINOLYTIC AGENTS
Tranexamic acid tablet, injection

13. DERMATOLOGICAL MEDICINES (topical)

13.1 ANTIFUNGAL MEDICINES
Benzoic acid + salicylic acid ointment or cream
Miconazole / clotrimazole cream
Clotrimazole nail preparation

13.2 ANTI-INFECTIVE MEDICINES
Cetrimide shampoo, cream
Framycetin sulfate cream
Fusidic acid ointment
Povidone-iodine aqueous solution, ointment, alcoholic solution
Silver sulfadiazine cream

13.3 ANTI-INFLAMMATORY AND ANTI-PRURITIC MEDICINES
Betamethasone valerate cream, ointment, scalp lotion
Calamine lotion
Flucinolone acetonide cream, ointment
Hydrocortisone acetate cream, ointment
Clobetasol propionate / beclomethasone butyrate cream, ointment

13.4 ASTRINGENT MEDICINES
Lead subacetate solution (strong)
Magenta solution
Potassium permanganate aqueous solution
Silver nitrate Solution
13.5 Medicines Affecting Skin Differentiation and Proliferation
Aqueous cream
Coal tar solution
Coconut oil compound shampoo
Dithranol ointment
Emulsifying ointment
Podophyllum resin solution
Salicylic acid solution
Urea ointment or cream

13.6 Scabicides and Pediculicides
Benzyl benzoate application
Permethrin / Malathion lotion
Sulphur ointment

13.7 Ultraviolet Blocking Agents
Zinc oxide ointment

13.8 Preparations for Acne
13.8.1 Oral preparations for acne
Isotretinoin capsule

13.8.2 Topical preparations for acne
Benzoyl peroxide cream
Tretinoin cream

14. Diagnostic Agents

14.1 Ophthalmic Medicines
Fluorescein sodium eye drops

14.2 Radio Contrast Media
14.2.1 Low osmolar non-ionic intravenous contrast media
(for institutions where X-ray machines are available)
Iohexol Injection
Iopamidol Injection
14.2.2 *Gastrointestinal contrast media*
Barium sulfate oral suspension (or rectal suspension)
Radio labeled iodine oral preparation

14.2.3 *Nuclear imaging requirements*
Technetium 99m generator
Cold compounds to prepare radio-pharmaceuticals

14.2.4 *MRI intravenous contrast media* Gadolinium - DTPA

15. **ANTISEPTICS AND DISINFECTANTS**

15.1 **ANTISEPTICS**
Chlorhexidine digluconate solution for dilution
Ethanol solution (denatured)
Hydrogen peroxide solution
Povidone iodine solution
Surgical spirit

15.2 **DISINFECTANTS**
Chlorine base compound powder
Glutaraldehyde solution
Phenolic compound solution
Peracetic acid solution

16. **DIURETICS**
Amiloride hydrochloride tablet
Furosemide injection, tablet
Hydrochlorothiazide tablet
Mannitol injectable solution
Spironolactone tablet
17. GASTROINTESTINAL MEDICINES

17.1 ANTACIDS AND OTHER ANTIULCER MEDICINES
Aluminium hydroxide combination oral suspension, tablet
Famotidine / Ranitidine tablet
Omeprazole capsule, injection
Ranitidine injection
Sodium citrate solution

17.2 ANTIEMETIC MEDICINES
Domperidone suppository, suspension, tablet
Metoclopramide hydrochloride injection, tablet
Ondansetron hydrochloride tablet, injection
Promethazine hydrochloride syrup, injection, tablet

17.3 ANTI-INFLAMMATORY MEDICINES
Hydrocortisone acetate retention enema, suppository
Prednisolone retention enema
Sulfasalazine retention enema, suppository, tablet

17.4 LAXATIVES
Bisacodyl suppository, tablet
Lactulose solution
Phosphate enema

17.5 MEDICINES USED IN DIARRHEA
17.5.1 Oral rehydration
Oral rehydration salts* (for glucose-electrolyte solution)
Glucose: 75 meq
Sodium: 75 meq or mmol/l
Chloride: 65 meq or mmol/l
Potassium: 20 meq or mmol/l
Citrate: 10 mmol/l
Osmolarity: 245 mosm/l
Glucose: 13.5 g/l
Sodium chloride: 2.6 g/l
Potassium chloride: 1.5 g/l
Trisodium citrate dihydrate+: 2.9 g/l
+ trisodium citrate dihydrate may be replaced by sodium hydrogen carbonate (sodium carbonate) 2.5 g/l. However, as the stability of this latter formulation is very poor under tropical conditions, it is only recommended when manufactured for immediate use.

* in cases of cholera a higher concentration of sodium may be required.

17.5.2 Medicines used for diarrhea for children
Zinc sulfate tablet (effervescent)

17.6 ANTISPASMODIC MEDICINES
Propantheline bromide tablet

17.7 MEDICINES AFFECTING INTESTINAL SECRETIONS
Pancreatin oral preparation
Ursodeoxycholic acid capsule/tablet

18. HORMONES, OTHER ENDOCRINE MEDICINES AND CONTRACEPTIVES

18.1 ADRENAL HORMONES AND SYNTHETIC SUBSTITUTES
Dexamethasone (sodium phosphate injection), tablet
Hydrocortisone (sodium succinate) injection, tablet
Prednisolone tablet

18.2 ANDROGENS
Testosterone injection (enantate/propionate)

18.3 CONTRACEPTIVES

18.3.1 Oral hormonal contraceptives
Ethinylestradiol + levonorgestrel tablet
Ethinylestradiol + norethisterone tablet
Levonorgestrel tablet
18.3.2 Injectable hormonal contraceptives
Medroxyprogesterone acetate depot injection

18.4 ESTROGENS
Conjugated estrogens tablet
Ethinyristol tablet

18.5 PROGESTOGENS
Levonorgestrel intra uterine system
Norethisterone tablet
Progesterone IM injection

18.6 OVULATION INDUCERS
Clomifene citrate tablet

18.7 INSULINS AND OTHER ANTIDIABETIC AGENTS
Glibenclamide tablet
Insulin injection (short acting and intermediate acting)
Metformin hydrochloride tablet
Tolbutamide tablet

18.8 THYROID HORMONES AND ANTITHYROID MEDICINES
Carbimazole /Methimazole tablet,
Iodine aqueous solution
Levothyroxine sodium tablet
Propylthiouracil tablet

18.9 HYPOTHALAMIC AND PITUITARY HORMONES
Desmopressin nasal spray
Follitropin alfa/beta injection
Human Growth hormone injection
Human menopausal gonadotrophin injection (follicle-stimulating hormone + luteinising hormone)
Vasopressin injection

18.10 ANTIGONADOTROPHINS
Danazol capsule
19 IMMUNOLOGICALS

19.1 Diagnostic Agents
Tuberculin, Purified Protein Derivative (PPD) injection

19.2 Sera and Immunoglobulin
Anti-D (Rh\(_o\)) immunoglobulin (human) injection
Antitetanus immunoglobulin injection
Antivenom serum injection
Normal immunoglobulin (human) injection
Rabies immunoglobulin injection
Varicella–Zoster specific immunoglobulin

19.3 Vaccines

19.3.1 For universal immunization
Bacillus Calmette Guerin (BCG) vaccine injection
Diphtheria and tetanus (DT) vaccine injection
Diphtheria and tetanus (adult) (DT) vaccine injection
Diphtheria, tetanus and pertussis (DPT) vaccine injection
Haemophilus influenzae type b (hib) vaccine injection
Hepatitis B vaccine Injection
Japanese encephalitis vaccine injection
Measles vaccine injection
Measles rubella vaccine injection
Poliomyelitis vaccine (OPV) oral drops
Rubella vaccine injection
Tetanus toxoid (TT) vaccine injection

19.3.2 For specific groups of individuals
Meningococcal meningitis vaccine
Pneumococcal vaccine injection
Rabies vaccine injection
Typhoid vaccine capsule
Varicella vaccine Injection
Yellow fever vaccine injection
20. MUSCLE RELAXANTS (PERIPHERALLY ACTING) AND CHOLINESTERASE INHIBITORS
   Atracurium besilate injection
   Baclofen tablet
   Dantrolene injection, capsule
   Edrophonium chloride injection
   Neostigmine injection (metilsulfate), tablet (bromide)
   Suxamethonium chloride injection
   Vecuronium bromide injection

21. OPHTHALMOLOGICAL PREPARATIONS

21.1 ANTI-INFECTIVE AGENTS
   Aciclovir eye ointment
   Chloramphenicol eye drops, eye ointment
   Norfloxacin eye drops
   Tobramycin + Dexamethasone eye drops
   Fusidic acid eye drops

21.2 ANTI-INFLAMMATORY AGENTS
   Dexamethasone sodium phosphate eye drops
   Fluorometholone eye drops
   Hydrocortisone acetate eye drops, eye ointment
   Prednisolone sodium phosphate eye drops

21.3 LOCAL ANAESTHETICS
   Lidocaine eye drops, gel
   Lidocaine + epinephrine eye drops

21.4 MIOTICS AND ANTIGLAUCOMA MEDICINES
   Acetazolamide tablet, injection
   Pilocarpine hydrochloride eye drops
   Timolol maleate eye drops

21.5 MYDRIATICS
   Atropine sulfate eye drops
   Homatropine hydrobromide eye drops
   Phenylephrine hydrochloride eye drops
Tropicamide eye drops

21.6 OTHER PREPARATIONS
   Balanced salt solution
   Tear preparation

22. MEDICINES ACTING ON THE GENITOURINARY TRACT

22.1 OXYTOCICS
   Ergometrine hydrogen maleate injection
   Oxytocin injection
   Oxytocin + Ergometrine (combination) injection

22.2 ANTIOXYTOCICS
   Nifedipine immediate release capsule

22.3 PROSTAGLANDINS
   Dinoprostone pessary, injection

22.4 MEDICINES FOR BENIGN PROSTATIC HYPERPLASIA
   Prazosin hydrochloride tablet

22.5 URINARY ANTISPASMODICS
   Duloxetine capsule
   Oxybutinin tablet
   Propantheline bromide tablet

23. PERITONEAL DIALYSIS SOLUTION
   Intraperitoneal dialysis solution

24. PSYCHOTHERAPEUTIC MEDICINES

24.1 MEDICINES USED IN PSYCHOTIC DISORDERS
   Chlorpromazine hydrochloride injection, tablet, syrup
   Clozapine tablet
   Fluphenazine (decanoate or enantate) injection
   Haloperidol tablet, injection
Olanzapine tablet
Risperidone tablet
Trifluoperazine hydrochloride tablet
Venalafaxine tablet

24.2 MEDICINES USED IN MOOD DISORDERS

24.2.1 Medicines used in depressive disorders
Amitriptyline hydrochloride tablet
Fluoxetine hydrochloride capsule
Imipramine hydrochloride tablet

24.2.2 Medicines used in bipolar disorders
Carbamazepine tablet
Lithium carbonate capsule or tablet
Valproic acid (sodium salt) tablet (enteric coated)

24.3 MEDICINES USED IN GENERALIZED ANXIETY AND SLEEP DISORDERS
Chlordiazepoxide tablet
Diazepam tablet

24.4 MEDICINES USED FOR OBSESSIVE COMPULSIVE DISORDERS AND PANIC ATTACKS
Clomipramine hydrochloride capsule
Fluoxetine hydrochloride capsule
Methylphenidate hydrochloride tablet

24.5 MEDICINES USED IN SUBSTANCE DEPENDENCE
Methadone hydrochloride tablet

25. MEDICINES ACTING ON THE RESPIRATORY TRACT
Antiasthmatics and medicines for chronic obstructive pulmonary disease
Aminophylline injection
Beclometasone dipropionate inhaler
Ipratropium bromide dry powder capsule for breath induced device, respiratory solution
Salbutamol sulfate inhalation (aerosol), dry powder capsule, for breath induced device, respirator solution for use in nebulizers, syrup, tablet, injection
Salmeterol (as xinafoate) + fluticasone propionate inhalation
Surfactant preparation
Theophylline syrup, tablet (modified release)

26. SOLUTIONS CORRECTING WATER, ELECTROLYTE, ACID-BASE AND NUTRITIONAL DISTURBANCES

26.1 SOLUTIONS CORRECTING WATER, ELECTROLYTE, AND ACID-BASE DISTURBANCES

26.1.1 Oral
Oral rehydration salts (for glucose-electrolyte solution) see section 17.5.1
Potassium chloride MR tablet

26.1.2 Parenteral
Glucose injectable solution
Glucose with sodium chloride injectable solution
Potassium chloride injection
Sodium bicarbonate injectable solution
Sodium chloride injectable solution
Sodium lactate compound injectable solution

26.2 INTRAVENOUS NUTRITION
Amino acid injection

26.3 MISCELLANEOUS
Water for injection

27. VITAMINS AND MINERALS
Alfacalcidol capsule
Ascorbic acid tablet
Calcium carbonate/lactate tablet
Calcium gluconate injection
Ergocalciferol capsule
Hydroxocobalamin injection
Pyridoxine hydrochloride tablet
Retinol palmitate capsule
Thiamine hydrochloride tablet, injection
Vitamin A + vitamin D capsule
Vitamin B complex tablet, injection

28. MEDICINES ACTING ON EAR, NOSE AND OROPHARYNX

28.1 MEDICINES ACTING ON THE EAR
   Betamethasone + Neomycin ear drops
   Chloramphenicol ear drops
   Clotrimazole ear drops
   Gentamicin sulfate ear drops
   Ichthammol liquid
   Norfloxacin eye/ear drops
   Sodium bicarbonate ear drops

28.2 MEDICINES ACTING ON THE NOSE
   Beclomethasone nasal drops, nasal spray
   Xylometazoline nasal drops

28.3 MEDICINES ACTING ON THE OROPHARYNX
   Nystatin oral suspension
   Povidone iodine mouthwash

28.4 MEDICINES FOR VERTIGO
   Betahistine tablet
   Cinnarazine tablet
   Prochlorperazine injection